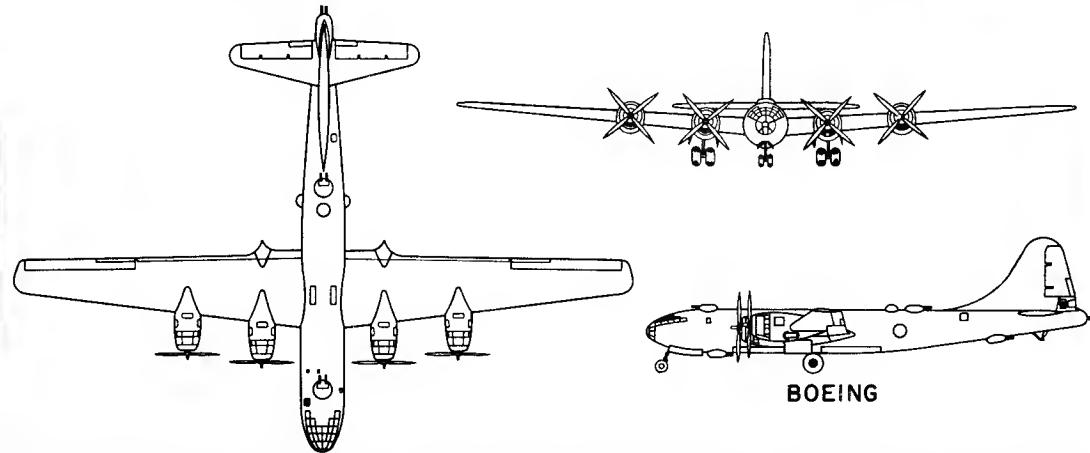


Characteristics Summary

BOMBER B-29 -



*Revised & reflect
correct engine
models and time
rating of engines.
19 RPM 50*

Wing area 1720 sq ft Length 99.0 ft

Span 141.2 ft Height 27.8 ft

AVAILABILITY			PROCUREMENT		
Number available			Number to be delivered in fiscal years		
ACTIVE	RESERVE	TOTAL			

STATUS

SERVICE

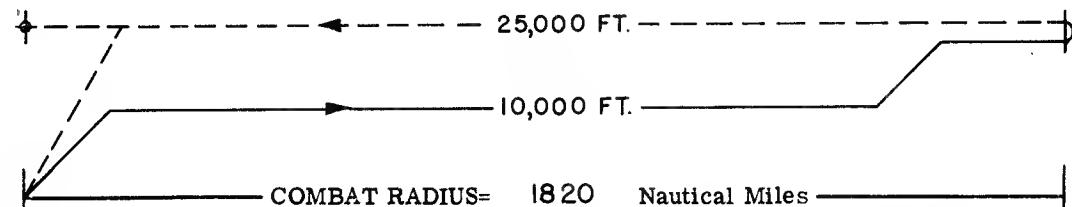
1. First flight: September 1942 (XB-29)
2. First acceptance: September 1943
3. Production completed: June 1946

POWER PLANT		
(4) R-3350-57, -57A Wright		
BHP	RPM	CRIT. ALT.
T.O: 2200	2800	
Max : * 2500	2800	31,400
Nor: 2000	2400	35,600

*Permitted by T.O. 01-20
EJA-92 dated 15 June 1945.

FEATURES		
Crew:	11	
Cabin Pressurization		
Cabin Heating		
Electronic Navigation		
Equipment		
Bombing Radar		
Max Fuel Capacity: 9548 gal		

ARMAMENT		
Turrets:	5	
Guns:	(12) .50 cal	
Ammunition:	6000 rds	
Max Bomb Load:	(40) 500 lb	
Max Bomb Size:	4000 lb	

Characteristics Summary Basic Mission B-29

PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
1820 naut. mi with 10,000 lb payload at 214 knots avg. in 17.4 hours.	3390 naut. mi with 10,000 lb payload at 199 knots avg. in 17.2 hours.	331 knots at 25,000 ft alt, max power
MAXIMUM SPEED		
		353 knots at 31,400 ft alt, max power
CLIMB	CEILING	TAKE-OFF
500 fpm sea level, take-off weight normal power	23,800 ft 100 fpm, take-off weight normal power	ground run 4130 ft — ft no assist assisted
1730 fpm sea level, combat weight maximum power	35,000 ft 500 fpm, combat weight maximum power	over 50 ft height 6100 ft — ft no assist assisted
LOAD	WEIGHTS	STALLING SPEED
Bombs: 10,000 lb Ammunition: 6000 rds/.50 cal Fuel: 7866 gal protected 100 % droppable 11 % external 0 %	Empty..... 71,500 lb Combat... 100,000 lb Take - off 140,000 lb limited by performance	103 knots flaps down, take-off weight
TIME TO CLIMB		
		—

NOTES

1. PERFORMANCE BASIS: NACA standard conditions no wind, single airplane;
 - (a) Fuel consumption, increased 5 %, based on flight test data
 - (b) Pilot's Handbook dated 13 January 1948
2. REVISION BASIS: Correct power plant data.

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